

Fig. 1

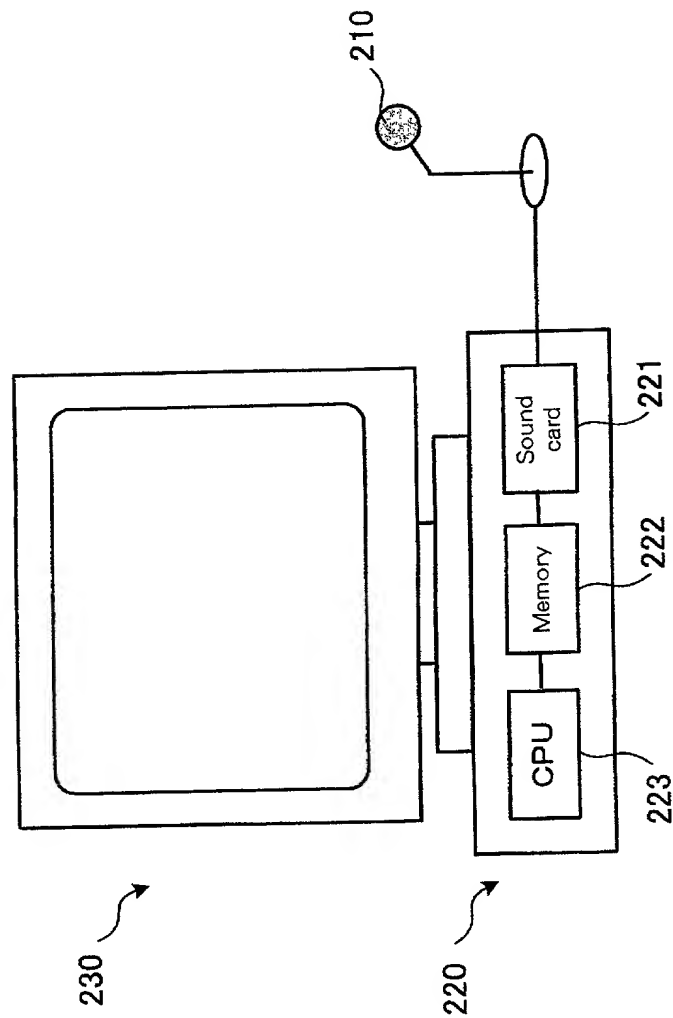


Fig. 2

$s[j][i]$: Partial structure including the j -th word and string of probability values (a-1)

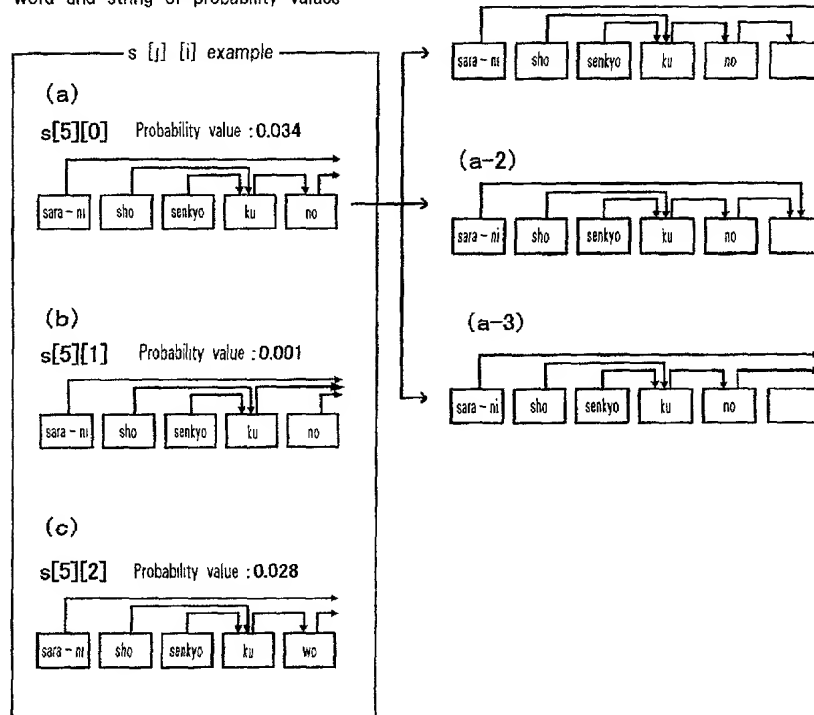
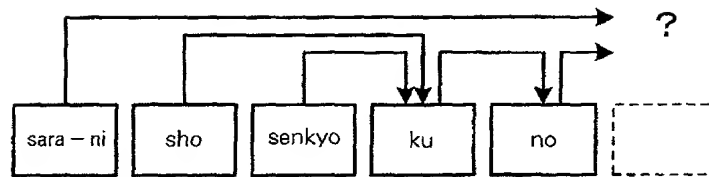
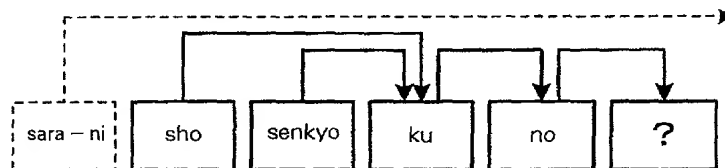


Fig. 3

(a)



(b) Prediction that partial analysis tree will modify the next word



(c) Prediction of the next word using partial analysis tree

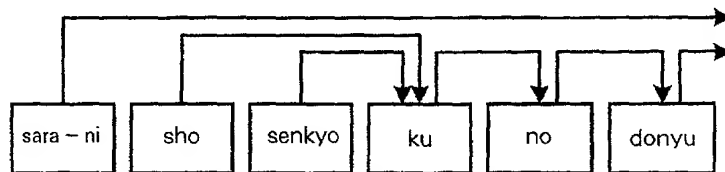


Fig. 4

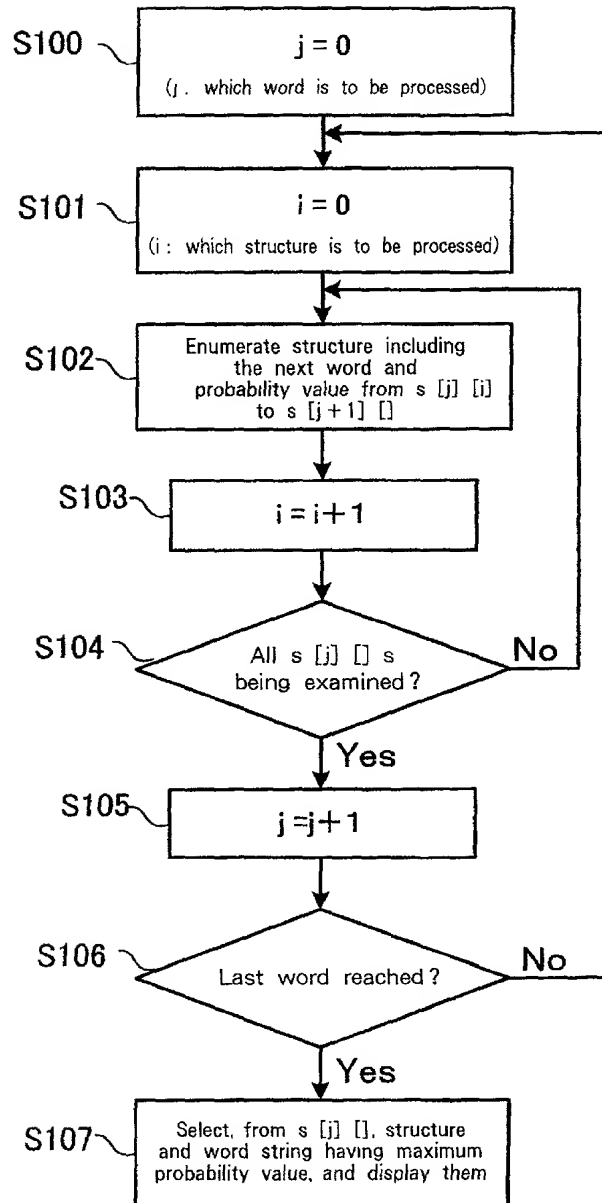


Fig. 5

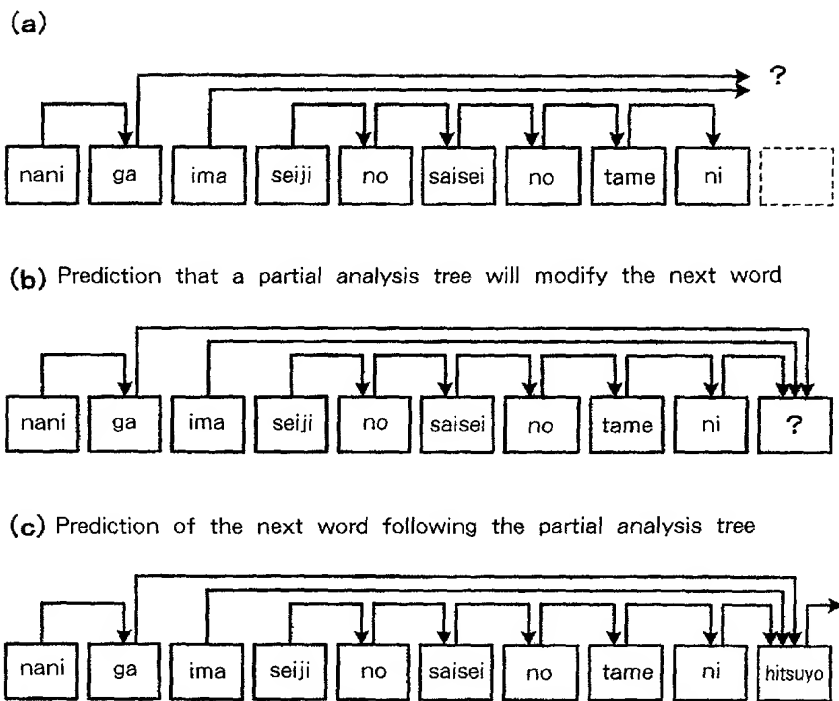
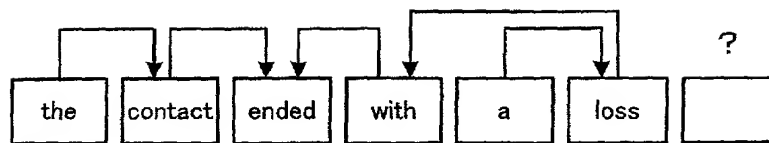
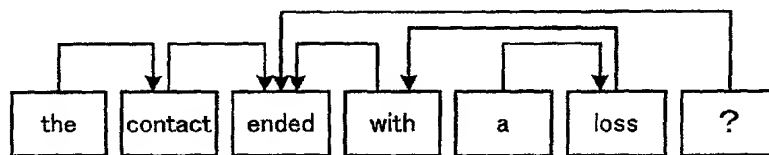


Fig. 6

(a)



(b) Prediction that a partial analysis tree will modify the next word



(c) Prediction of the next word following the partial analysis tree

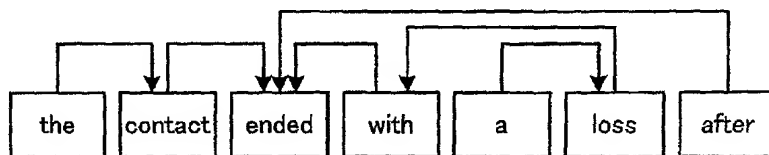
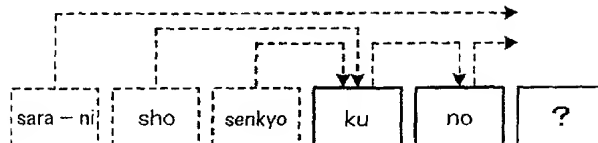


Fig. 7

tri - gram model

(a)



(b) Prediction of the next word following two immediately preceding words

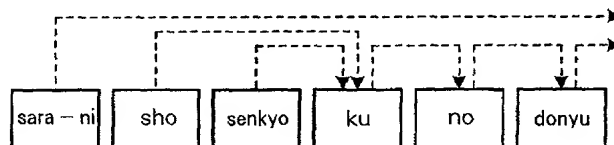
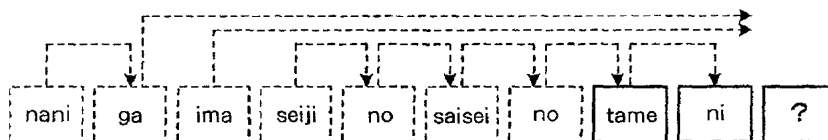


Fig. 8

tri - gram model

(a)



(b) Prediction of the next word following two immediately preceding words

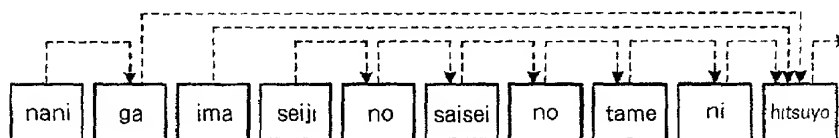
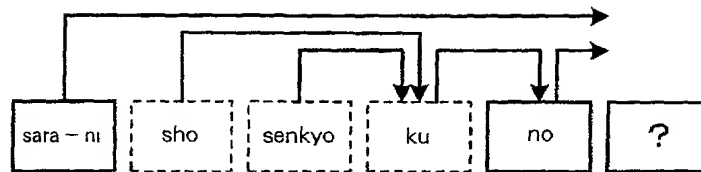


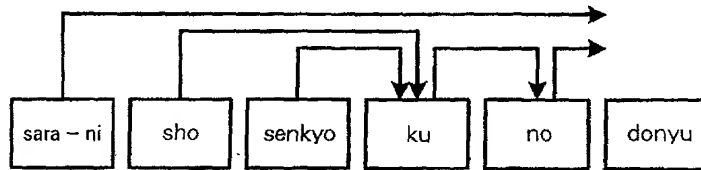
Fig. 9

Chelba & Jelinek method

(a)



(b) Prediction of the next word following two immediately preceding head word



(c) Prediction of the next structure

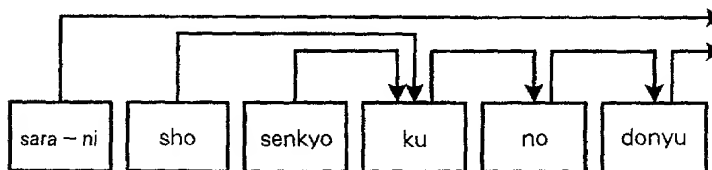
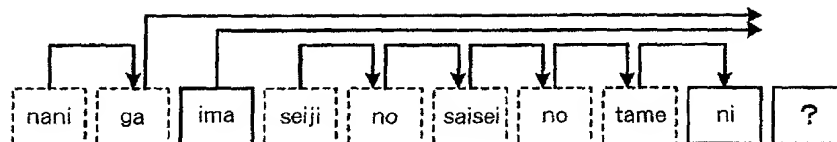


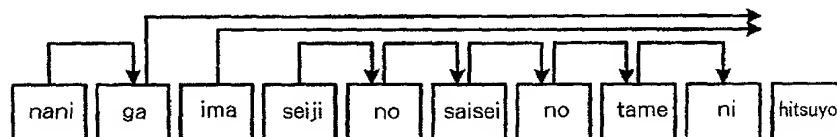
Fig. 10

Chelba & Jelinek method

(a)



(b) Prediction of the next word following two immediately preceding head word



(c) Prediction of the next structure

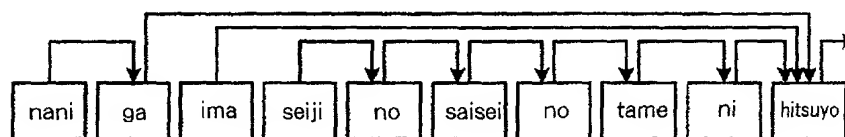


Fig. 11